Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 28/05/2020

: **CP-2020-10-15-62**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

: EE (Project)/Ynk Zone/WO/177/2019-20

: 23-05-20

: GF Column Concrete

: 150X150X150 mm

: M25 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 28/05/2020

Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
M25	21/05/2020	28/05/2020	150.81 X 149.20 X 151.25	22501	**8.434**	538.7	23.9	23.1
M25	21/05/2020	28/05/2020	150.33 X 150.74 X 149.04	22662	**8.536**	511.6	22.6	
M25	21/05/2020	28/05/2020	149.93 X 150.46 X 149.26	22559	**8.641**	512.9	22.7	

satisfactory as per standard requirements.

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/06/2020

: **CP-2020-10-15-62**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

: EE (Project)/Ynk Zone/WO/177/2019-20

: 23-05-20

: GF Column Concrete

: 150X150X150 mm

: M25 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 18/06/2020

Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
M25	21/05/2020	18/06/2020	151.26 X 149.15 X 149.70	22560	**8.781**	630.0	27.9	27.6
M25	21/05/2020	18/06/2020	150.54 X 151.09 X 150.47	22746	**8.442**	612.1	26.9	
M25	21/05/2020	18/06/2020	151.69 X 149.47 X 149.60	22672	**8.989**	635.5	28.0	

satisfactory as per standard requirements.

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-10-15-62** **Date: 05/06/2020**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

: EE (Project)/Ynk Zone/WO/177/2019-20

: 01-06-20

: SF Lintel Concrete

: 150X150X150 mm

: M25 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 05/06/2020

Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
M25	29/05/2020	05/06/2020	151.98 X 151.15 X 151.05	22973	**8.434**	541.4	23.6	22.9
M25	29/05/2020	05/06/2020	151.63 X 149.76 X 149.32	22709	**8.536**	519.3	22.9	
M25	29/05/2020	05/06/2020	149.74 X 149.65 X 149.51	22409	**8.641**	497.5	22.2	

are satisfactory as per standard requirements.

CIVIL Pro Sig Date BANGALORE

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-10-15-62** **Date: 26/06/2020**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

: EE (Project)/Ynk Zone/WO/177/2019-20

: 01-06-20

: SF Lintel Concrete

: 150X150X150 mm

: M25 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 26/06/2020

Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
M25	29/05/2020	26/06/2020	151.98 X 150.10 X 151.49	22812	**8.781**	632.6	27.7	27.7
M25	29/05/2020	26/06/2020	150.42 X 151.73 X 149.93	22823	**8.442**	606.1	26.6	
M25	29/05/2020	26/06/2020	149.98 X 150.99 X 150.19	22645	**8.989**	649.4	28.7	

satisfactory as per standard requirements.

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 08/06/2020

: **CP-2020-10-15-62**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

: EE (Project)/Ynk Zone/WO/177/2019-20

: 03-06-20

: GF Roof Concrete

: 150X150X150 mm

: M25 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 08/06/2020

Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
M25	01/06/2020	08/06/2020	150.09 X 151.41 X 151.76	22724	**8.434**	528.9	23.3	22.8
M25	01/06/2020	08/06/2020	149.14 X 149.82 X 150.90	22345	**8.536**	503.0	22.5	
M25	01/06/2020	08/06/2020	150.83 X 149.92 X 149.83	22613	**8.641**	509.0	22.5	

are satisfactory as per standard requirements.

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-10-15-62** **Date: 29/06/2020**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

Reference : EE (Project)/Ynk Zone/WO/177/2019-20

: 03-06-20

: GF Roof Concrete

Type/Size : 150X150X150 mm

Age : M25 / 28 Days Compressive Strength

IS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 29/06/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Roof Concrete	M25	01/06/2020	29/06/2020	150.54 X 149.68 X 151.15	22532	**8.781**	624.7	27.7	27.4
Roof Concrete	M25	01/06/2020	29/06/2020	149.05 X 150.04 X 151.82	22363	**8.442**	591.2	26.4	
Roof Concrete	M25	01/06/2020	29/06/2020	150.62 X 151.83 X 151.67	22869	**8.989**	643.7	28.1	

are satisfactory as per standard requirements.

CIVIL Pro Sig. Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-10-15-62** **Date: 30/06/2020**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

: EE (Project)/Ynk Zone/WO/177/2019-20

: 25-06-20

: SF Roof Concrete

: 150X150X150 mm

: M25 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 30/06/2020

Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
M25	23/06/2020	30/06/2020	150.36 X 151.95 X 149.50	22847	**8.434**	541.9	23.7	22.7
M25	23/06/2020	30/06/2020	150.03 X 149.48 X 151.27	22426	**8.536**	493.5	22.0	
M25	23/06/2020	30/06/2020	149.45 X 150.23 X 150.29	22451	**8.641**	499.8	22.3	

are satisfactory as per standard requirements.

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CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-10-15-62 **Date: 21/07/2020**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

: EE (Project)/Ynk Zone/WO/177/2019-20

: 25-06-20

: SF Roof Concrete

: 150X150X150 mm

: M25 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 21/07/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Roof Concrete	M25	23/06/2020	21/07/2020	151.68 X 149.72 X 150.03	22709	**8.781**	626.5	27.6	27.3
Roof Concrete	M25	23/06/2020	21/07/2020	150.22 X 151.55 X 150.74	22766	**8.442**	594.1	26.1	
Roof Concrete	M25	23/06/2020	21/07/2020	151.70 X 149.55 X 150.23	22686	**8.989**	641.2	28.3	

are satisfactory as per standard requirements.

FOR CIVIL Pro.

CIVIL Pro Sig. Date. BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-10-15-62 **Date: 28/08/2020**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

ference : EE (Project)/Ynk Zone/WO/177/2019-20

: 24-08-20

: Drain Bottom Slab Concrete

Size : 150X150X150 mm

Age : M20 / 7 Days Compressive Strength

IS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 28/08/2020

tification Mark	**Grade of concrete**	**Date of Casting**	**Date of Testing**	**Dimension of the Specimen**	**Cross sectional area**	**Weight of the sample**	**Failure Load**	**Compressive strength**	**Average Compressive Strength**
				(mm)	**(Sq.mm)**	**(kg)**	**(KN)**	**(N/mm^2)**	**(N/mm^2)**
Bottom Slab Concrete	M20	21/08/2020	28/08/2020	150.86 X 150.13 X 150.65	22648	**8.255**	414.4	18.3	18.7
Bottom Slab Concrete	M20	21/08/2020	28/08/2020	149.63 X 151.89 X 150.10	22727	**8.245**	430.7	18.9	
Bottom Slab Concrete	M20	21/08/2020	28/08/2020	151.70 X 150.82 X 149.77	22879	**8.164**	433.4	18.9	

mined are satisfactory as per standard requirements.

CIVIL PRO Sig..... Date..... BANGALORE

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Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-10-15-62** **Date: 18/09/2020**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

Reference : EE (Project)/Ynk Zone/WO/177/2019-20

: 24-08-20

: Drain Bottom Slab Concrete

Size : 150X150X150 mm

Age : M20 / 28 Days Compressive Strength

BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 18/09/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Bottom Slab Concrete	M20	21/08/2020	18/09/2020	150.83 X 149.28 X 151.84	22516	**8.975**	533.8	23.7	23.1
Bottom Slab Concrete	M20	21/08/2020	18/09/2020	149.47 X 149.18 X 151.13	22298	**8.558**	491.8	22.1	
Bottom Slab Concrete	M20	21/08/2020	18/09/2020	149.41 X 151.43 X 150.10	22626	**8.930**	529.4	23.4	

...mined are satisfactory as per standard requirements.

CIVIL PRO Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-10-15-62 **Date: 31/08/2020**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

Reference : EE (Project)/Ynk Zone/WO/177/2019-20

Receipt : 26-08-20

ID : Drain Side Wall Concrete

Type /Size : 150X150X150 mm

Grade/Age : M20 / 7 Days Compressive Strength

BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 31/08/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Side Wall Concrete	M20	24/08/2020	31/08/2020	149.78 X 150.92 X 151.95	22604	**8.255**	421.6	18.6	18.9
Drain Side Wall Concrete	M20	24/08/2020	31/08/2020	149.33 X 150.14 X 151.29	22420	**8.245**	425.4	19.0	
Drain Side Wall Concrete	M20	24/08/2020	31/08/2020	149.89 X 150.34 X 150.67	22534	**8.164**	426.8	18.9	

Obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 21/09/2020

: **CP-2020-10-15-62**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

Reference : EE (Project)/Ynk Zone/WO/177/2019-20

ipt : 26-08-20

ID : Drain Side Wall Concrete

Type /Size : 150X150X150 mm

Grade/Age : M20 / 28 Days Compressive Strength

to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 21/09/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Side Wall Concrete	M20	24/08/2020	21/09/2020	150.87 X 149.18 X 149.36	22506	**8.975**	535.1	23.8	23.0
Drain Side Wall Concrete	M20	24/08/2020	21/09/2020	149.62 X 149.82 X 151.99	22416	**8.558**	493.8	22.0	
Drain Side Wall Concrete	M20	24/08/2020	21/09/2020	151.41 X 149.17 X 151.00	22585	**8.930**	523.4	23.2	

obtained are satisfactory as per standard requirements.

CIVIL PRO Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 31/08/2020

: CP-2020-10-15-62

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

Reference : EE (Project)/Ynk Zone/WO/177/2019-20

Receipt : 26-08-20

ID : Drain Side Wall Concrete

Type /Size : 150X150X150 mm

Grade/Age : M20 / 7 Days Compressive Strength

to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Test : 31/08/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Side Wall Concrete	M20	24/08/2020	31/08/2020	151.40 X 150.58 X 151.69	22799	8.255	429.0	18.8	18.5
Drain Side Wall Concrete	M20	24/08/2020	31/08/2020	151.05 X 149.08 X 150.10	22518	8.245	414.0	18.4	
Drain Side Wall Concrete	M20	24/08/2020	31/08/2020	151.23 X 150.64 X 149.04	22781	8.164	419.5	18.4	

Results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

: 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-10-15-62** **Date: 21/09/2020**

: Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

Reference : EE (Project)/Ynk Zone/WO/177/2019-20

Receipt : 26-08-20

ID : Drain Side Wall Concrete

Type /Size : 150X150X150 mm

Grade/Age : M20 / 28 Days Compressive Strength

BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 21/09/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Side Wall Concrete	M20	24/08/2020	21/09/2020	150.94 X 150.07 X 149.37	22651	**8.975**	524.5	23.2	
Drain Side Wall Concrete	M20	24/08/2020	21/09/2020	149.83 X 149.94 X 150.06	22465	**8.558**	498.0	22.2	22.8
Drain Side Wall Concrete	M20	24/08/2020	21/09/2020	150.28 X 150.19 X 151.07	22571	**8.930**	521.2	23.1	

obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO Sig..... Date..... BANGALORE

****End of Report****

Format No: CP/TF/2017

TEST REPORT FOR SAND MASONRY MORTARS

: CP-2020-10-15-62 **Date: 02-07-20**

ame : Balance Works to Samudhaya Bhavana in Ward No.02

: Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

r's Reference : EE (Project)/Ynk Zone/WO/177/2019-20

Receipt : 29-06-20

Type : Fine Aggregate, M.Sand for Mortar

e to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2116-1980 (RA-2007) (Specification for Sand for Masonry Mortars)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption

Test : 29-06-20

ght taken : 1000 grams

Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS: 2116-1980 (RA-2007)
4.75 mm	0	0	0	100	100
2.36 mm	85	85	8.5	91.5	90-100
1.18 mm	200	285	28.5	71.5	70-100
600 micron	146	431	43.1	56.9	40-100
300 micron	116.5	547.5	54.8	45.3	5-70
150 micron	412.5	960	96.0	4.0	0-15
Pan	40	1000	100.0	0.0	0

CIVIL Pro Sig..... Date..... BANGALORE

TEST REPORT FOR SAND MASONRY MORTARS

: CP-2020-10-15-62 Date: 02-07-20

CAL PROPERTIES

Tests	Result	Requirements as per IS 383:2016
Water Absorption(%)	3.18	_
Specific Gravity	2.51	_
Material finer than 75 micron(%)	12.2	Crushed Fine aggregate Max 15%
*Compacted Bulk Density (Kg/litre)	1.90	_
*Loose Bulk Density (Kg/litre)	1.73	_

ults obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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Format No: CP/TF/2017

TEST REPORT FOR PLASTER SAND

Lab ID	:	CP-2020-10-15-62 **Date: 03-07-20**
Project Name	:	Balance Works to Samudhaya Bhavana in Ward No.02
Agency	:	Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.
Customer's Reference	:	EE (Project)/Ynk Zone/WO/177/2019-20
Date of Receipt	:	29-06-20
Sample Type	:	Plaster Sand
Reference to BIS codes	:	IS: 383 : 2016 (Specification for Coarse and fine Aggregates) IS1542:1992 (Sand for Plaster - Specification) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	29-06-20
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 1542:1992
1	10 mm	0	0	0	100	100
2	4.75 mm	35	35	3.5	96.5	95-100
3	2.36 mm	15	50	5	95	95-100
4	1.18 mm	50	100	10	90	90-100
5	600 micron	100	200	20	80	80-100
6	300 micron	215	415	41.5	58.5	20-65
7	150 micron	500	915	91.5	8.5	0-15
8	Pan	85	1000	100	0	---

CIVIL Pro Sig..... Date..... BANGALORE

TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2020-10-15-62 Date: 03-07-20

PHYSICAL PROPERTIES

Sno	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.8	–
2	Specific Gravity	2.56	–
3	Material finer than 75 micron(%)	8.5	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

TEST REPORT OF CERAMIC TILES

Lab ID : **CP-2020-10-15-62** **Date: 03-07-20**

Project Name : Balance Works to Samudhaya Bhavana in Ward No.02

Agency : Sri. K.Gopireddy, #3, 1st Cross, 1st Main, Ramachandrappa Layout, Veeranna Palya, Arabic College Post, Bangalore-560045.

Customer's Reference : EE (Project)/Ynk Zone/WO/177/2019-20

Date of Receipt : 27-06-20

Sample Type/ Size : Ceramic tiles (300X300)mm

Reference to BIS codes : IS 13630 (part 1) : 2006, IS 15622:2006

Date of test : 27-06-20

MEASUREMENTS OF LENGTH, WIDTH AND THICKNESS

Number Of Specimen	Length measured at position 5mm from the corner		Breadth measured at position 5mm from the corner		Thickness measured at thickest part, 4 diagonal segment			
	1	2	1	2	1	2	3	4
1	300	300	300	300	6.04	6.01	6.08	6.04
2	300	300	300	300	6.01	6.07	6.01	6.01
3	300	300	300	300	6.03	6.05	6.06	6.03
4	300	300	300	300	6.06	6.05	6.08	6.06
5	300	300	300	300	6.08	6.06	6.05	6.08
6	300	300	300	300	6.03	6.07	6.07	6.07
7	300	300	300	300	6.08	6.05	6.08	6.07
8	300	300	300	300	6.02	6.05	6.04	6.05
9	300	300	300	300	6.04	6.04	6.02	6.04
10	300	300	300	300	6.04	6.01	6.05	6.04
Average	**300**		**300**		**6.05**			

CIVIL Pro Sig..... Date..... BANGALORE

TEST REPORT OF CERAMIC TILES

WATER ABSORPTION

Sl.no	Weight of oven dry sample	Saturated weight of sample	Water absorption by mass	Average value of water absorption
1	1406	1455	3.49	2.85
2	1424	1464	2.81	
3	1464	1498	2.32	
4	1408	1454	3.27	
5	1434	1468	2.37	

MODULUS OF RUPTURE AND BREAKING STRENGTH

Sl.No

Sl.No.	Dimension (mm)			Wet Transverse Strength	Average
	L	B	T	(N/mm^2)	(N/mm^2)
1	300	300	6.04	14.8	14.66
2	300	300	6.06	14.2	
3	300	300	6.02	14.9	
4	300	300	6.06	14.8	
5	300	300	6.05	14.6	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig. Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
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Quality Manager

End of Report

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